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Total Number of Pages in This Submission

14

Application Number

10/577,277

Filing Date

May 14, 2007

First Named Inventor

Leif Hermansson et al.

Art Unit

4131

Examiner Name

Kwak, Jae J.

Attorney Docket Number

102860-202

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Wiggin and Dana LLP			Customer No.	27267
Signature	<i>Todd E. Garabedian</i>				
Printed name	Todd E. Garabedian, Ph.D.				
Date	18 FEB 2009		Reg. No.	39,197	

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Signature	<i>Todd E. Garabedian</i>		
Typed or printed name	Todd E. Garabedian, Ph.D.	Date	18 FEB 2009

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application : Leif Hermansson et al.  
Serial No. : 10/577,277  
Filed : May 14, 2007  
For : TWO-STEP SYSTEM FOR IMPROVED INITIAL  
AND FINAL CHARACTERISTICS OF A  
BIOMATERIAL  
Examiner : Kwak, Jae J.  
Attorney Docket : 102860-202  
Group Art Unit : 4131  
Confirmation No. : 2342  
**Customer No. : 27267**

\* \* \* \* \*

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By

Todd E. Garabedian

Todd E. Garabedian, Ph.D.  
Registration No. 39,197  
Attorney for Applicants

\* \* \* \* \*

SUBSTITUTE PRELIMINARY AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Responsive to the Notice of Non-Compliant Amendment mailed January 27, 2009, Applicants submit herewith a Substitute Preliminary Amendment to correct the minor informalities in the Status Identifier for Claim 1. Specifically, the status

identifier for claim 1 has been changed from "Amended" to  
"Currently Amended" as requested in the Notice.

Accordingly, and prior to calculating the filing fee,  
please amend the above-identified patent application as follows: